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Appl. No. 10/523,916

Amdt. dated December 11, 2007

Reply to Office Action of September 11, 2007

Atty. Ref. 89277.0053

Customer No. 26021

Amendments to the Specification

Replace the title with the following amended title:

Dynamo-Electric Machine with Stator Yoke and Teeth Configured to Reduce Eddy Current Caused by Leaked Magnetic Flux

Replace the abstract with the following amended abstract:

~~The present invention restrains generation of an~~ A dynamo-electric machine ~~that reduces~~ eddy current caused by leaked magnetic flux, and reduces iron loss due to the eddy current. ~~A portion of a tooth 61 is mounted to a stator yoke 60 in a state in which at least part of it (a portion 81 to be inserted into the yoke) is inserted into an insertion hole 75 formed through the a magnet-opposed surface of the a stator yoke 60, and the a portion of the tooth is disposed in a coil. A cross-sectional area S1 (See FIG. 6A) of the portion 81 of the tooth 61 to be inserted into the yoke, which is taken perpendicularly with respect~~ perpendicular to lines of magnetic force B1 generated at the tooth 61 when a the coil 62 is energized, is larger than ~~the a cross-sectional area S2 (See FIG. 6B) of the portion 82 to be of the tooth disposed within the coil of the tooth 61, which is taken perpendicularly with respect~~ perpendicular to the lines of ~~the~~ magnetic force B1.